

Notice of Allowability

Application No.

09/838,428

Examiner

Laurie Ries

Applicant(s)

JANAKIRAMAN ET AL.

Art Unit

2176

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to BPAI decision, rendered 6 September 2007.
2. ☒ The allowed claim(s) is/are 1, 3-6, 8, 10-13, 15, and 17-20, renumbered as 1-15, respectively.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

/William L. Bashore/
Primary Examiner
Tech Center 2100

EXAMINER'S AMENDMENT

1. This office action is responsive to BPAI decision, rendered 6 September 2007, to the Original Application, filed 19 April 2001. Claims 1, 3-6, 8, 10-13, 15, and 17-20, renumbered as 1-15, respectively, are now allowed.

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

3. The application has been amended as follows:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method for presenting text from moving video to a user, the method comprising:
 - receiving multimedia data containing a plurality of moving video frames
 - and an associated plurality of sets of text data, wherein the associated plurality of sets of text data are associated in time with the plurality of moving video frames, wherein the plurality of sets of text data includes a

first text data set associated with a first plurality of moving video frames of the multimedia data, and a second text data set associated with a second plurality of moving video frames of the multimedia data;
extracting the associated plurality of sets of text data from the multimedia data;
extracting a first video frame, from the first plurality of moving video frames, associated with the first text data set to form a first still image;
extracting a second video frame, from the second plurality of moving video frames, associated with the first text data set to form a second still image;
outputting the first text data set in association with the first still image; and
outputting the second text data set in association with the second still image;
wherein the step of extracting the associated plurality of sets of text data comprises parsing the multimedia data to determine the first text data set and the first video frame of the first plurality of moving video frames and discarding remaining moving video frames from the first plurality of moving video frames.

2. Cancelled.

3. (Previously Presented) The method as recited in claim 1, wherein the first text data set and the second text data set are presented in association with the first still image and the second still image, respectively, to the user simultaneously.

4. (Previously Presented) The method as recited in claim 3, wherein the first text data set and the second text data set are presented in association with the first still image and the second still image, respectively, in separate portions of a static display.

5. (Previously Presented) The method as recited in claim 1, wherein the first text data set and the second text data set are presented in association with the first still image and the second still image, respectively, to the user individually in a sequential order.

6. (Previously Presented) The method as recited in claim 5, wherein a next set of text data in the sequential order is presented in response to an indication by the user to display the next set of text data.

7. Cancelled.

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8. (Currently Amended) A computer program product in a computer readable media for use in a data processing system for presenting text from moving video to a user; the computer program product comprising:

instructions for receiving multimedia data containing a plurality of moving video frames and an associated plurality of sets of text data, wherein the associated plurality of sets of text data are associated in time with the plurality of moving video frames, wherein the plurality of sets of text data includes a first text data set associated with a first plurality of moving video frames of the multimedia data, and a second text data set associated with a second plurality of moving video frames of the multimedia data;

instructions for extracting the associated plurality of sets of text data from the multimedia data;

instructions for extracting a first video frame, from the first plurality of moving video frames, associated with the first text data set to form a first still image;

instructions for extracting a second video frame, from the second plurality of moving video frames, associated with the first text data set to form a second still image;

instructions for outputting the first text data set in association with the first still image; and

instructions for outputting the second text data set in association with the second still image;

wherein the instructions for extracting the associated plurality of sets of text data from the multimedia data comprise instructions for parsing the multimedia data to determine the first text data set and the first video frame of the first plurality of moving video frames and discarding remaining moving video frames from the first plurality of moving video frames.

9. Cancelled.

10. (Previously Presented) The computer program product as recited in claim 8, wherein the first text data set and the second text data set are presented in association with the first still image and the second still image, respectively, to the user simultaneously.

11. (Previously Presented) The computer program product as recited in claim 10, wherein the the first text data set and the second text data set are presented in association with the first still image and the second still image, respectively, in separate portions of a static display.

12. (Previously Presented) The computer program product as recited in claim 8, wherein the first text data set and the second text data set are presented in association with the first still image and the second still image, respectively, to the user individually in a sequential order.

13. (Previously Presented) The computer program product as recited in claim 12, wherein a next set of text data in the sequential order is presented in response to an indication by the user to display the next set of text data.

14. Cancelled.

15. (Currently Amended) A system for presenting text from moving video to a user; the system comprising:

a receiver which receives multimedia data containing a plurality of moving video frames and an associated plurality of sets of text data, wherein the associated plurality of sets of text data are associated in time with the plurality of moving video frames, wherein the plurality of sets of text data includes a first text data set associated with a first plurality of moving video frames of the multimedia data, and a second text data set associated with a second plurality of moving video frames of the multimedia data;

a text extraction unit which extracts the associated plurality of sets of text data from the multimedia data;

a still image extraction unit which extracts a first video frame, from the first plurality of moving video frames, associated with the first text data set to form a first still image and extracts a second video frame, from the second plurality of

moving video frames, associated with the first text data set to form a second still image; and

an output unit which outputs the first text data set in association with the first still image and outputs the second text data set in association with the second still image;

wherein the extraction unit parses the multimedia data to determine the first text data set and the first video frame of the first plurality of moving video frames and discards remaining moving video frames from the first plurality of moving video frames.

16. Cancelled.

17. (Previously Presented) The system as recited in claim 15, wherein the first text data set and the second text data set are presented in association with the first still image and the second still image, respectively, to the user simultaneously.

18. (Previously Presented) The system as recited in claim 17, wherein the first text data set and the second text data set are presented in association with the first still image and the second still image, respectively, in separate portions of a static display.

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19. (Previously Presented) The system as recited in claim 15, wherein the first text data set and the second text data set are presented in association with the first still image and the second still image, respectively, to the user individually in a sequential order.

20. (Previously Presented) The system as recited in claim 19, wherein a next set of text data in the sequential order is presented in response to an indication by the user to display the next set of text data.

21. Cancelled.

5. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Laurie Ries whose telephone number is (571) 272-4095. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Doug Hutton, can be reached at (571) 272-4137.

7. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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/William L. Bashore/
Primary Examiner
Tech Center 2100